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SUCCESSFUL SOLUTION OF THE PROBLEM OF COMPLEX AUTOMATION  
OF TELEGRAPH COMMUNICATIONS

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Unsigned Article

Kuybyshev telegraph engineers V. P. Korostelin and Ya. A. Revzin have developed attachments for automation of Baudot sets and a mechanical converter of Baudot code signals into ST-35 code signals and conversely. A considerable economy of telegraph office space and the possibility of one telegraph operator servicing reception and transmission are attained by the simultaneous development and putting into operation of complex tables on which the automatized equipment is accommodated more compactly.

The automation devices and code converters developed by the specialists of the Kuybyshev telegraph have been adopted by the Ministry of Communications USSR in the capacity of standard devices for automation of Baudot sets, put into industrial production and are being installed at telegraph stations. The installation of these devices and code converters, and also of the attachments to the ST-35 set previously developed by inventors of the Minsk telegraph office, completely solves the problem of the complex automation of telegraph communications, equipped with the Baudot set in combination with ST-35 sets.

The collective of engineering-technical and operating personnel of the Kuybyshev telegraph network in the majority of communications equipped with the Baudot and ST-35 sets organized automatized transmission of telegrams, the necessary quantity of devices for automatizing Baudot sets and the code converters having been prepared on the spot. The work in automation of transmission of telegrams was carried through by their own manpower without large expenditures and with utilization mainly of internal resources.

At the Kuybyshev telegraph office about 80% of the junction's total number of messages are already being processed in an automatized manner. Use of the telegraph set has been improved, speed of passage of telegrams in transmission has been increased, the labor productivity of telegraph set operators has risen, 45 staff units have been released (upon dismissal from the staff schedule) and transferred to the Kuybyshev communications administration, and substantial economy of office space has been achieved.

Noting the great work done by the specialists of the Kuybyshev telegraph office and the initiative and technical craftsmanship displayed by them, Minister of Communications of the RSFSR A. V. Cherenkov issued an order citing a large group of the telegraph station's engineering-technical personnel.

Gratitude was expressed to engineers V. P. Korostelin and Ya. A. Revzin for industrious activity in the field of invention and rationalization and development of automation devices and code converters. Payment of a reward to the authors of the developments, comrades Korostelin and Revzin, is being accomplished in accordance with the instructions on invention and rationalization.

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For good organization and active participation in the automation of telegraph communications at the Kuybyshev telegraph office gratitude was expressed and prizes in the amount of a month's salary were awarded to the following workers: chief of telegraph Ye. Z. Goryachev, chief engineer of telegraph Ye. G. Ivanov, senior engineer of the control workshop K. S. Saratov, acting engineer of the control workshop G. P. Krotov, technicians of the control workshop A. T. Malygin and N. T. Sedov, chief of the mechanical workshop A. V. Gavlin, instructor in operation of automatized communications A. I. Yeliseyev, acting engineer I. M. Yel'skiy.

Prizes of 2 weeks' salary were awarded to acting engineer of the control workshop A. P. Kononov, technicians of the mechanical workshop V. S. Kharunzhev, Yu. A. Kramnik, and V. L. Kriklivchenko, chief of the relaying station, V. L. Pestrikov, chief of the cross I. Ye. Nesterov, technicians of the cross V. I. Uryadov, Yu. K. Karyakin, and G. B. Tarasov.

Gratitude was expressed to the chief engineer of the Kuybyshev oblast administration of communications L. Ya. Andreyev.

Chief of telegraph comrade Goryachev was instructed to issue an order citing the remaining workers who took part in the automation of transmission of telegrams at the Kuybyshev telegraph.

In conclusion the minister expressed confidence that the collective of the Kuybyshev telegraph office will continue the development of automatized telegraph communications to increase the effectiveness of operation and the managers and technical personnel of other telegraph stations will utilize the valuable experience of the Kuybyshev telegraph for automation of the transmission of telegrams and every kind of improvement in the quality of work.

#### PHOTO CAPTION

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Left: V. P. Korostelin; right: Ya. A. Revzin

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